

CIPR  
JAN 27 2003  
5105

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Applicants: Adrien R. Beaudoin *et al.*

Serial No.: 09/781,796

Filed: February 12, 2001

Title: ATP-Diphosphohydrolases, Process  
of Purification Thereof and Process  
of Producing Thereof by Recombinant  
Technology

Date: January 21, 2003

Group Art Unit: 1651

Examiner: Lilling, HJ

File No.: 920333.90019

14. (Twice Amended) A method for reducing platelet aggregation and thrombogenicity in a human or nonhuman animal comprising the step of increasing the activity of [The use of] the ATP diphosphohydrolase of claim 1[, for reducing platelet aggregation and thrombogenicity] sufficiently to reduce platelet aggregation and thrombogenicity in the human or nonhuman animal.

15. (Amended) A method for reducing platelet aggregation and thrombogenicity in a human or nonhuman animal comprising the step of increasing the activity of [The use of] an ATP diphosphohydrolase [for reducing platelet aggregation and thrombogenicity] sufficiently to reduce platelet aggregation and thrombogenicity in the human or nonhuman animal, said ATP diphosphohydrolase having the amino acid sequence defined in SEQ ID NO:1, or a variant thereof, or a part thereof, said variant or part being capable of converting ATP to ADP and ADT to AMP.

RECEIVED  
JAN 30 2003  
TECH CENTER 1600/2900